

STANDARD CONVERSION TABLE – ENGLISH TO METRIC				
Symbol	To convert from	Multiply by	To determine	Symbol
LENGTH				
IN	inch	25.4	millimeters	mm
FT	feet	0.3048	meters	m
YD	yards	0.9144	meters	m
MI	miles	1.609344	kilometers	km
AREA				
SI	square inches	645.16	square millimeters	mm ²
SF	square feet	0.09290304	square meters	m ²
SY	square yards	0.83612736	square meters	m ²
A	acres	0.4046856	hectares	ha
MI ²	square miles	2.59	square kilometers	km ²
VOLUME				
CI	cubic inches	16.387064	cubic centimeters	cm ³
CF	cubic feet	0.0283168	cubic meters	m ³
CY	cubic yards	0.764555	cubic meters	m ³
GAL	gallons	3.78541	liters	L
OZ	fluid ounces	0.0295735	liters	L
MBM	thousand feet board	2.35974	cubic meters	m ³
MASS				
LB	pounds	0.4535924	kilograms	kg
TON	short tons (2000 lbs)	0.9071848	metric tons	t
PRESSURE AND STRESS				
PSF	pounds per square foot	47.8803	pascals	Pa
PSI	pounds per square inch	6.89476	kilopascals	kPa
PSI	pounds per square inch	0.00689476	megapascals	Mpa
DISCHARGE				
CFS	cubic feet per second	0.02831	cubic meters per second	m ³ /s
VELOCITY				
FT/SEC	feet per second	0.3048	meters per second	m/s
INTENSITY				
IN/HR	inch per hour	25.4	millimeters per hour	mm/hr
FORCE				
LB	pound (force)	4.448222	newtons	N
POWER				
HP	horsepower	746.0	watts	W
TEMPERATURE				
°F	degrees Fahrenheit	5 X (°F – 32)/9	degrees Celsius	°C
DENSITY				
lb/ft ³	pounds per cubic foot	16.01846	kilograms per cubic meter	kg/m ³
ACCELERATION				
g	freefall, standard	9.807	meters per second squared	m/s ²

TO CONVERT FROM METRIC TO ENGLISH, DIVIDE BY THE ABOVE CONVERSION FACTORS.